

0062

Outgoing 00150009

From: Dana Dean
To: Dennis Oakley
Date: 9/19/2006 6:10:27 PM
Subject: Re: 2nd Quarter Water Quality Data

00150018

00150019

Dennis,

I have made the changes from operational to baseline that you requested. I have uploaded all of the information for Cottonwood/Wilberg, Trail Mountain, and Deer Creek from the pipeline into the database. A report is attached.

As a reminder, according to parameters set by the assigned hydrologist, you are still missing a sample for 18-1-1 at Trail Mountain. You are also missing total phosphorous at TM-1b, and pH and Specific Conductivity at Main N Main E, and TW-10.

Please let me know if you have any questions.

Thank you,

Dana Dean, P.E.
Senior Reclamation Hydrologist
Utah Division of Oil, Gas, and Mining
(801) 538-5320
danadean@utah.gov

>>> "Oakley, Dennis" <Dennis.Oakley@PacifiCorp.com> 9/18/2006 9:12 AM >>>
Pam,
The 2nd quarter 2006 water quality data submittal has been completed.
Prior to uploading, please change the following sites from operational samples to baseline samples:

Deer Creek Mine
RCF1 59-28836
HCC02 59-28852
MFA1 for April and June

Cottonwood
GWR01 for April and May
GWR01 for April, May and June
GWR03 for April and May

When this action is completed, please upload these data into the EDI master file. If there are any problems or concerns with this submittal, please contact me at the numbers below.

Best Regards,

Dennis Oakley
Senior Environmental Engineer

Energy West Mining Company
15 North Main Street

P.O. Box 310
Huntington, Utah 84528

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Cell: 435.636.5053
Fax: 435.687.2695
e-mail: dennis.oakley@pacificorp.com

Live and work with integrity, and everything else is a piece of cake.

- Pat Salvatore -

CC: Jim Smith; Pete Hess; Steve Demczak

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OWNER: PACIFICORP
MINE: COTTONWOOD/WILBERG

SITE TYPE: Stream

SITE: CCC1 USGS FLUME

Laboratory: FLD 20060410-3 Period:BASE
Sample Date: 04/10/2006 Time: 13:57 Reported: Received:

Laboratory: FLD 20060523-6 Period:BASE
Sample Date: 05/23/2006 Time: 12:53 Reported: Received:

Laboratory: FLD 20060615-7 Period:BASE
Sample Date: 06/15/2006 Time: 12:00 Reported: Received:

SITE: GWR01

Laboratory: FLD 20060410-1 Period:BASE
Sample Date: 04/10/2006 Time: 14:32 Reported: Received:

Laboratory: FLD 20060523-3 Period:BASE
Sample Date: 05/23/2006 Time: 14:12 Reported: Received:

NO FLOW Date: 06/15/2006 Time: 12:00

SITE: GWR02

NO FLOW Date: 04/10/2006 Time: 14:34

Laboratory: FLD 20060523-4 Period:BASE
Sample Date: 05/23/2006 Time: 14:18 Reported: Received:

Laboratory: CTE 59-28822 Period:BASE
Sample Date: 06/15/2006 Time: 14:33 Reported: 06/26/2006 Received: 06/16/2006

SITE: GWR03

Laboratory: FLD 20060410-2 Period:BASE
Sample Date: 04/10/2006 Time: 14:38 Reported: Received:

Laboratory: FLD 20060523-5 Period:OPER
Sample Date: 05/23/2006 Time: 14:29 Reported: Received:

Laboratory: CTE 59-28823 Period:BASE
Sample Date: 06/15/2006 Time: 14:55 Reported: 06/26/2006 Received: 06/16/2006

SITE TYPE: UPDES Permit discharge point

SITE: -004 MILLER CYN

NO FLOW Date: 04/17/2006 Time: 12:00

NO FLOW Date: 05/08/2006 Time: 12:00

NO FLOW Date: 06/21/2006 Time: 12:00

SITE: UT0022896-001

Laboratory: CTE 59-28661 Period:UPDS
Sample Date: 04/17/2006 Time: 10:20 Reported: 04/25/2006 Received: 04/18/2006

Laboratory: CTE 59-28701 Period:UPDS
Sample Date: 05/08/2006 Time: 13:40 Reported: 05/18/2006 Received: 05/09/2006

Laboratory: CTE 59-28841 Period:UPDS
Sample Date: 06/21/2006 Time: 09:44 Reported: 06/29/2006 Received: 06/21/2006

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= SITE: UT0022896-003
NO FLOW Date: 04/17/2006 Time: 12:00

NO FLOW Date: 05/08/2006 Time: 12:00

NO FLOW Date: 06/21/2006 Time: 12:00

SITE: UT0022896-005
NO FLOW Date: 04/17/2006 Time: 12:00

NO FLOW Date: 05/08/2006 Time: 12:00

NO FLOW Date: 06/21/2006 Time: 12:00

SITE TYPE: Well

SITE: WCWR1
Laboratory: CTE 59-28824 Period:BASE
Sample Date: 06/15/2006 Time: 15:22 Reported: 06/26/2006 Received: 06/16/2006

MINE: DEER CREEK

SITE TYPE: Other: in mine, roof drippers

SITE: MAIN N MAIN E
Laboratory: CTE 59-28825 Period:BASE
Sample Date: 06/20/2006 Time: 09:15 Reported: 06/29/2006 Received: 06/20/2006

SITE: TW-10
Laboratory: CTE 59-28826 Period:BASE
Sample Date: 06/20/2006 Time: 09:35 Reported: 06/29/2006 Received: 06/20/2006

SITE TYPE: Spring

SITE: MFU-03
NO FLOW Date: 04/25/2006 Time: 13:14

Laboratory: FLD 20060525-E Period:BASE
Sample Date: 05/25/2006 Time: 12:00 Reported: Received:
Comments: XSPRO stream profile estimation

Laboratory: CTE 59-28838 Period:BASE
Sample Date: 06/20/2006 Time: 11:16 Reported: 07/05/2006 Received: 06/21/2006

SITE: NEWUA METER-2

NO FLOW Date: 04/25/2006 Time: 12:00
Comments: Valve broken

NO FLOW Date: 05/23/2006 Time: 12:00
Comments: Valve broken

NO FLOW Date: 06/20/2006 Time: 14:47
Comments: Valve broken

SITE: NEWUA METER-3

Laboratory: FLD 20060423-1 Period:BASE
Sample Date: 04/23/2006 Time: 12:00 Reported: Received:

Laboratory: FLD 20060520-1 Period:BASE
Sample Date: 05/20/2006 Time: 12:00 Reported: Received:

Laboratory: CTE 59-28830 Period:BASE
Sample Date: 06/20/2006 Time: 14:45 Reported: 06/29/2006 Received: 06/21/2006

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SITE TYPE: Stream

SITE: DCR01

NO FLOW Date: 04/25/2006 Time: 14:00

Laboratory: FLD 20060523-D Period:BASE

Sample Date: 05/23/2006 Time: 12:49 Reported: Received:

Laboratory: CTE 59-28831 Period:BASE

Sample Date: 06/20/2006 Time: 15:52 Reported: 06/29/2006 Received: 06/21/2006

SITE: DCR04

Laboratory: FLD 20060425-1 Period:BASE

Sample Date: 04/25/2006 Time: 14:05 Reported: Received:

Laboratory: FLD 20060523-E Period:BASE

Sample Date: 05/23/2006 Time: 12:58 Reported: Received:

Laboratory: CTE 59-28833 Period:BASE

Sample Date: 06/20/2006 Time: 16:07 Reported: 06/29/2006 Received: 06/21/2006

SITE: DCR06

Laboratory: FLD 20060425-2 Period:BASE

Sample Date: 04/25/2006 Time: 14:08 Reported: Received:

Laboratory: FLD 20060523-F Period:BASE

Sample Date: 05/23/2006 Time: 13:06 Reported: Received:

Laboratory: CTE 59-28828 Period:BASE

Sample Date: 06/20/2006 Time: 16:27 Reported: 06/29/2006 Received: 06/21/2006

SITE: HCC01

Laboratory: FLD 20060415-5 Period:BASE

Sample Date: 04/15/2006 Time: 12:00 Reported: Received:

Laboratory: FLD 20060515-5 Period:BASE

Sample Date: 05/15/2006 Time: 12:00 Reported: Received:

Laboratory: CTE 59-28851 Period:BASE

Sample Date: 06/22/2006 Time: 09:47 Reported: 07/05/2006 Received: 06/22/2006

SITE: HCC02

Laboratory: CTE 59-28852 Period:BASE

Sample Date: 06/22/2006 Time: 10:01 Reported: 07/05/2006 Received: 06/22/2006

SITE: HCC04

Laboratory: CTE 59-28853 Period:BASE

Sample Date: 06/22/2006 Time: 10:16 Reported: 07/05/2006 Received: 06/22/2006

SITE: MF-A

NO FLOW Date: 04/25/2006 Time: 13:15

Laboratory: FLD 20060525-C Period:BASE

Sample Date: 05/25/2006 Time: 12:00 Reported: Received:

Comments: XSPRO stream profile estimation

Laboratory: CTE 59-28835 Period:BASE

Sample Date: 06/20/2006 Time: 11:47 Reported: 07/05/2006 Received: 06/21/2006

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= SITE: MF-B

Laboratory: FLD 20060425-9 Period:BASE

Sample Date: 04/25/2006 Time: 13:27 Reported: Received:

Laboratory: FLD 20060525-D Period:BASE

Sample Date: 05/25/2006 Time: 12:00 Reported: Received:

Comments: XSPRO stream profile estimation

Laboratory: CTE 59-28834 Period:BASE

Sample Date: 06/20/2006 Time: 12:07 Reported: 06/29/2006 Received: 06/21/2006

Comments: DIS.METALS FILTERED @ LAB

SITE: MHC 01

Laboratory: FLD 20060427-2 Period:BASE

Sample Date: 04/27/2006 Time: 09:45 Reported: Received:

Laboratory: FLD 20060525-6 Period:BASE

Sample Date: 05/25/2006 Time: 12:00 Reported: Received:

Comments: XSPRO stream profile estimation

Laboratory: CTE 59-28832 Period:BASE

Sample Date: 06/20/2006 Time: 15:19 Reported: 06/29/2006 Received: 06/21/2006

SITE: RCF-1

NO ACCESS Date: 04/25/2006 Time: 13:32

Laboratory: FLD 20060525-1 Period:BASE

Sample Date: 05/25/2006 Time: 12:00 Reported: Received:

Comments: XSPRO stream profile estimation

Laboratory: CTE 59-28836 Period:BASE

Sample Date: 06/20/2006 Time: 12:42 Reported: 07/05/2006 Received: 06/21/2006

SITE: RCF2

NO FLOW Date: 04/25/2006 Time: 13:40

Laboratory: FLD 20060525-3 Period:BASE

Sample Date: 05/25/2006 Time: 12:00 Reported: Received:

Comments: XSPRO stream profile estimation

Laboratory: CTE 59-28827 Period:BASE

Sample Date: 06/20/2006 Time: 13:54 Reported: 06/29/2006 Received: 06/21/2006

SITE: RCF3

Laboratory: FLD 20060425-3 Period:BASE

Sample Date: 04/25/2006 Time: 13:45 Reported: Received:

Laboratory: FLD 20060525-4 Period:BASE

Sample Date: 05/25/2006 Time: 12:00 Reported: Received:

Comments: XSPRO stream profile estimation

Laboratory: CTE 59-28837 Period:BASE

Sample Date: 06/20/2006 Time: 14:21 Reported: 07/05/2006 Received: 06/21/2006

SITE: RCLF1

NO FLOW Date: 04/25/2006 Time: 13:34

Laboratory: FLD 20060525-2 Period:BASE

Sample Date: 05/25/2006 Time: 12:00 Reported: Received:

Comments: XSPRO stream profile estimation

Laboratory: FLD 20060620-1 Period:BASE

Sample Date: 06/20/2006 Time: 12:00 Reported: Received:

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SITE: RCLF2

NO FLOW Date: 04/25/2006 Time: 13:37

Laboratory: FLD 20060525-B Period:BASE

Sample Date: 05/25/2006 Time: 12:00 Reported: Received:

Comments: XSPRO stream profile estimation

Laboratory: FLD 20060620-7 Period:BASE

Sample Date: 06/20/2006 Time: 12:00 Reported: Received:

SITE: RCW4

Laboratory: FLD 20060425-4 Period:BASE

Sample Date: 04/25/2006 Time: 13:51 Reported: Received:

Laboratory: FLD 20060525-5 Period:BASE

Sample Date: 05/25/2006 Time: 12:00 Reported: Received:

Comments: XSPRO stream profile estimation

Laboratory: CTE 59-28829 Period:BASE

Sample Date: 06/20/2006 Time: 15:04 Reported: 06/29/2006 Received: 06/21/2006

SITE TYPE: UPDES Permit discharge point

SITE: UT0023604-001

Laboratory: CTE 59-28662 Period:UPDS

Sample Date: 04/18/2006 Time: 09:50 Reported: 04/25/2006 Received: 04/18/2006

Laboratory: CTE 59-28702 Period:UPDS

Sample Date: 05/08/2006 Time: 14:50 Reported: 05/18/2006 Received: 05/09/2006

Laboratory: CTE 59-28839 Period:UPDS

Sample Date: 06/21/2006 Time: 08:20 Reported: 06/29/2006 Received: 06/21/2006

SITE: UT0023604-002

Laboratory: CTE 59-28680 Period:UPDS

Sample Date: 04/25/2006 Time: 10:00 Reported: 05/03/2006 Received: 04/25/2006

Laboratory: CTE 59-28703 Period:UPDS

Sample Date: 05/08/2006 Time: 15:05 Reported: 05/18/2006 Received: 05/09/2006

Laboratory: CTE 59-28840 Period:UPDS

Sample Date: 06/21/2006 Time: 08:32 Reported: 06/29/2006 Received: 06/21/2006

SITE TYPE: Well

SITE: CCCW-1A

Laboratory: FLD 20060410-B Period:BASE

Sample Date: 04/10/2006 Time: 13:28 Reported: Received:

Laboratory: FLD 20060523-H Period:BASE

Sample Date: 05/23/2006 Time: 12:19 Reported: Received:

Laboratory: FLD 20060615-A Period:BASE

Sample Date: 06/15/2006 Time: 12:17 Reported: Received:

SITE: CCCW-1S

Laboratory: FLD 20060410-C Period:BASE

Sample Date: 04/10/2006 Time: 13:24 Reported: Received:

Laboratory: FLD 20060523-I Period:BASE
Sample Date: 05/23/2006 Time: 12:17 Reported: Received:

Laboratory: FLD 20060615-B Period:BASE
Sample Date: 06/15/2006 Time: 12:14 Reported: Received:
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SITE: CCCW-2A
NO ACCESS Date: 04/10/2006 Time: 13:20

Laboratory: FLD 20060523-J Period:BASE
Sample Date: 05/23/2006 Time: 12:10 Reported: Received:

Laboratory: FLD 20060615-C Period:BASE
Sample Date: 06/15/2006 Time: 12:04 Reported: Received:

SITE: CCCW-3A
NO ACCESS Date: 04/10/2006 Time: 13:20

Laboratory: FLD 20060523-K Period:BASE
Sample Date: 05/23/2006 Time: 11:52 Reported: Received:

Laboratory: FLD 20060615-D Period:BASE
Sample Date: 06/15/2006 Time: 11:52 Reported: Received:

SITE: CCCW-3S-L
NO ACCESS Date: 04/10/2006 Time: 13:20

Laboratory: FLD 20060523-M Period:BASE
Sample Date: 05/23/2006 Time: 11:59 Reported: Received:

Laboratory: FLD 20060615-F Period:BASE
Sample Date: 06/15/2006 Time: 11:57 Reported: Received:

SITE: CCCW-3S-U
NO ACCESS Date: 04/10/2006 Time: 13:20

Laboratory: FLD 20060523-L Period:BASE
Sample Date: 05/23/2006 Time: 11:56 Reported: Received:

Laboratory: FLD 20060615-E Period:BASE
Sample Date: 06/15/2006 Time: 11:54 Reported: Received:

SITE: DCWR1
Laboratory: CTE 59-28854 Period:BASE
Sample Date: 06/22/2006 Time: 10:25 Reported: 07/14/2006 Received: 06/22/2006

SITE: EM-31
Laboratory: FLD 20060410-A Period:BASE
Sample Date: 04/10/2006 Time: 13:39 Reported: Received:

Laboratory: FLD 20060523-G Period:BASE
Sample Date: 05/23/2006 Time: 12:32 Reported: Received:

Laboratory: FLD 20060615-9 Period:BASE
Sample Date: 06/15/2006 Time: 12:45 Reported: Received:

SITE: EM-47
NO ACCESS Date: 04/25/2006 Time: 13:32

Laboratory: FLD 20060523-O Period:BASE
Sample Date: 05/23/2006 Time: 10:09 Reported: Received:

Laboratory: FLD 20060620-2 Period:BASE
Sample Date: 06/20/2006 Time: 12:55 Reported: Received:

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SITE: P-1

Laboratory: FLD 20060425-5 Period:BASE
Sample Date: 04/25/2006 Time: 10:06 Reported: Received:

Laboratory: FLD 20060525-7 Period:BASE
Sample Date: 05/25/2006 Time: 12:00 Reported: Received:

Laboratory: FLD 20060620-3 Period:BASE
Sample Date: 06/20/2006 Time: 12:00 Reported: Received:

SITE: P-4

DRY WELL Date: 04/25/2006 Time: 10:06

DRY WELL Date: 05/25/2006 Time: 12:00

DRY WELL Date: 06/20/2006 Time: 13:45

SITE: P-5

Laboratory: FLD 20060425-6 Period:BASE
Sample Date: 04/25/2006 Time: 10:06 Reported: Received:

Laboratory: FLD 20060525-8 Period:BASE
Sample Date: 05/25/2006 Time: 00:54 Reported: Received:

Laboratory: FLD 20060620-4 Period:BASE
Sample Date: 06/20/2006 Time: 13:45 Reported: Received:

SITE: P-6

Laboratory: FLD 20060425-7 Period:BASE
Sample Date: 04/25/2006 Time: 10:06 Reported: Received:

Laboratory: FLD 20060525-9 Period:BASE
Sample Date: 05/25/2006 Time: 00:54 Reported: Received:

Laboratory: FLD 20060620-5 Period:BASE
Sample Date: 06/20/2006 Time: 13:45 Reported: Received:

SITE: P-7

Laboratory: FLD 20060425-8 Period:BASE
Sample Date: 04/25/2006 Time: 10:06 Reported: Received:

Laboratory: FLD 20060525-A Period:BASE
Sample Date: 05/25/2006 Time: 00:54 Reported: Received:

Laboratory: FLD 20060620-6 Period:BASE
Sample Date: 06/20/2006 Time: 13:45 Reported: Received:

MINE: TRAIL MOUNTAIN #9**SITE TYPE: Spring**

SITE: 18-3-1

Laboratory: FLD 20060410-7 Period:BASE
Sample Date: 04/10/2006 Time: 12:56 Reported: Received:

Laboratory: FLD 20060523-A Period:BASE
Sample Date: 05/23/2006 Time: 13:10 Reported: Received:

Laboratory: CTE 59-28817 Period:BASE
Sample Date: 06/15/2006 Time: 11:09 Reported: 06/26/2006 Received: 06/16/2006

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SITE TYPE: Stream

SITE: SW-1

Laboratory: FLD 20060410-4 Period:BASE
Sample Date: 04/10/2006 Time: 13:33 Reported: Received:

Laboratory: FLD 20060523-7 Period:BASE
Sample Date: 05/23/2006 Time: 12:26 Reported: Received:

Laboratory: CTE 59-28818 Period:BASE
Sample Date: 06/15/2006 Time: 12:37 Reported: 06/26/2006 Received: 06/16/2006

SITE: SW-2

Laboratory: FLD 20060410-5 Period:BASE
Sample Date: 04/10/2006 Time: 13:52 Reported: Received:

Laboratory: FLD 20060523-8 Period:BASE
Sample Date: 05/23/2006 Time: 12:50 Reported: Received:

Laboratory: CTE 59-28820 Period:BASE
Sample Date: 06/15/2006 Time: 13:21 Reported: 06/26/2006 Received: 06/16/2006

SITE: SW-3

Laboratory: FLD 20060410-6 Period:BASE
Sample Date: 04/10/2006 Time: 14:03 Reported: Received:

Laboratory: FLD 20060523-9 Period:BASE
Sample Date: 05/23/2006 Time: 12:59 Reported: Received:

Laboratory: CTE 59-28821 Period:BASE
Sample Date: 06/15/2006 Time: 14:10 Reported: 06/26/2006 Received: 06/16/2006

SITE TYPE: UPDES Permit discharge point

SITE: UT0023728-001

NO FLOW Date: 04/17/2006 Time: 12:00

NO FLOW Date: 05/08/2006 Time: 12:00

NO FLOW Date: 06/21/2006 Time: 12:00

SITE: UT0023728-002

NO FLOW Date: 04/17/2006 Time: 12:00

NO FLOW Date: 05/25/2006 Time: 12:00

NO FLOW Date: 06/21/2006 Time: 12:00

SITE TYPE: Well

SITE: TM-1B

Laboratory: FLD 20060410-8 Period:BASE
Sample Date: 04/10/2006 Time: 13:45 Reported: Received:

Laboratory: FLD 20060523-B Period:BASE
Sample Date: 05/23/2006 Time: 12:00 Reported: Received:

Laboratory: CTE 59-28819 Period:BASE
Sample Date: 06/15/2006 Time: 13:02 Reported: 06/26/2006 Received: 06/16/2006

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= SITE: TM-3

Laboratory: FLD 20060410-9 Period:BASE
Sample Date: 04/10/2006 Time: 12:58 Reported: Received:
Comments: collar elev. + (2.307 x 6psi)

Laboratory: FLD 20060523-C Period:BASE
Sample Date: 05/23/2006 Time: 13:13 Reported: Received:
Comments: collar elev + (2.307 x 6psi)

Laboratory: FLD 20060615-8 Period:BASE
Sample Date: 06/15/2006 Time: 11:12 Reported: Received:
Comments: colar elev + (2.307 x 6psi)